

IN THE CLAIMS:

Please amend Claims 13, 26, and 32 as shown below.

1. (Previously Presented) An image verification system comprising an image generation device and a first image verification device,

wherein said image generation device includes:

(a) an image data generation unit which generates image data; and

(b) a first verification data generation unit which generates first verification data from the image data using a common key in common key cryptography, and

wherein said first image verification device includes:

(a) a first verification unit which verifies, using the image data, the first verification data and the common key, whether the image data is altered; and

(b) a second verification data generation unit which generates second verification data from the image data using a private key in public key cryptography without editing the image data, if the first verification unit verifies that the image data is not altered.

2. (Previously Presented) The image verification system according to claim 1, wherein the first verification data generation unit generates the first verification data from the image data using the common key and a first hash function, and

wherein the second verification data generation unit generates the second verification data from the image data using the private key and a second hash function.

3. (Canceled)

4. (Previously Presented) The image verification system according to claim 1, wherein the second verification data generation unit disables generation of the second verification data, if the first verification unit verifies that the image data is altered.

5. (Previously Presented) The image verification system according to claim 1, wherein the first image verification device includes a memory storing both the common key and the private key.

6-7. (Canceled)

8. (Previously Presented) The image verification system according to claim 1, further comprising a second image verification device,

wherein said second image verification device includes a second verification unit adapted to verify, using the image data, the second verification data and a public key corresponding to the private key, whether the image data is altered.

9. (Canceled)

10. (Previously Presented) The image verification system according to claim 8, wherein said second image verification device is a server computer and said first image verification device is a client of the server computer.

11. (Previously Presented) The image verification system according to claim 8, wherein the first verification data generation unit generates the first verification data from the image data using the common key and a first hash function, and

wherein the second verification data generation unit generates the second verification data from the image data using the private key and a second hash function.

12. (Previously Presented) The image verification system according to claim 1, wherein said image generation device is one of a digital camera, a digital camcorder and a scanner.

13. (Currently Amended) An image verification system comprising:

an image generation device;

a first image verification device; and

a connection device which is connected to said image generation device and said first image verification device,

wherein said image generation device includes:

- (a) an image data generation unit which generates image data; and
- (b) a first verification data generation unit which generates first verification data from the image data using a common key in common key cryptography,

wherein said connection device provides the image data and said first verification data to said first image verification device, and

wherein said first image verification device includes:

- (a) a first verification unit which verifies, using the image data, the first verification data and the ~~first information~~ common key, whether the image data is altered ~~or not~~; and
- (b) a second verification data generation unit which generates second verification data from the image data using a private key in public key cryptography without editing the image data, if the first verification unit verifies that the image data is not altered.

14. (Previously Presented) The image verification system according to claim 13, wherein the first verification data generation unit generates the first verification data from the image data using the common key and a first hash function, and

wherein the second verification data generation unit generates the second verification data from the image data using the the private key a second hash function.

15. (Canceled)

16. (Previously Presented) The image verification system according to claim 13, wherein the second verification data generation unit disables generation of the second verification data, if the first verification unit verifies that the image data is altered.

17. (Previously Presented) The image verification system according to claim 13, wherein said first image verification device includes a memory storing both the common key and the private key.

18-19. (Canceled)

20. (Previously Presented) The image verification system according to claim 13, wherein said first image verification device is an IC card or a storage medium with a microprocessor.

21. (Previously Presented) The image verification system according to claim 13, wherein said first image verification device is a server computer and said connection device is a client of the server computer.

22. (Previously Presented) The image verification system according to claim 13, further comprising a second image verification device,

wherein said second image verification device includes a second verification unit adapted to verify, using the image data, the second verification data and a public key corresponding to the private key, whether the image data is altered.

23. (Canceled)

24. (Previously Presented) The image verification system according to claim 22, wherein said second image verification device is a server computer and said connection device is a client of the server computer.

25. (Previously Presented) The image verification system according to claim 22, wherein the first verification data generation unit generates the first verification data from the image data using the common key and a first hash function, and

wherein the second verification data generation unit generates the second verification data from the image data using the private key and a second hash function.

26. (Currently Amended) The image verification system according to claim 13, wherein said image generation device is one of a digital camera, a digital camcorder and a scanner.

27. (Previously Presented) An image verification device comprising:

a verification unit which verifies, using image data, first verification data and a common key in common key cryptography, whether the image data is altered, the image data and the first verification data being generated in an image generation device, and the first verification data being generated from the image data using the common key; and

a verification data generation unit which generates second verification data from the image data using a private key in public key cryptography without editing the image data, if said verification unit verifies that the image data is not altered.

28. (Previously Presented) The image verification device according to claim 27, wherein the first verification data is generated from the image data using the common key and a first hash function, and

wherein said verification data generation unit generates the second verification data from the image data using the private key and a second hash function.

29. (Canceled)

30. (Previously Presented) The image verification device according to claim 27, wherein said verification data generation unit disables generation of the second verification data, if said verification unit verifies that the image data is altered.

31. (Previously Presented) The image verification device according to claim 27, wherein the image verification device includes a memory storing both the common key and the private key.

32. (Currently Amended) An image verification method comprising the steps of:
verifying, using image data, first verification data and a common key in common key cryptography, whether the image data is altered or not, the image data and the first verification data being generated in an image generation device, and the first verification data being generated from the image data using the common key; and
generating second verification data from the image data using a private key in public key cryptography without editing the image data, if it is verified in said verifying step that the image data is not altered.

33. (Previously Presented) The image verification method according to claim 32, wherein the first verification data is generated from the image data using the common key and a first hash function, and

wherein the second verification data is generated from the image data using the public key and a second hash function.

34. (Canceled)

35. (Previously Presented) The image verification method according to claim 32, further comprising the step of:

disabling generation of the second verification data, if it is verified in said verification step that the image data is altered.

36. (Previously Presented) A computer-readable medium storing a program for implementing the image verification method according to any one of claims 32 to 35.

37-38. (Canceled)